

AMENDMENTS TO SPECIFICATION:

Please replace the paragraph at page 3, lines 8-9 with the following rewritten paragraph:

--Fig. 1 is an exploded view in perspective showing the principal components of a 5-colorimeter in accordance with the presently preferred embodiment of the invention;--

Please replace the paragraph at page 3, line 10 with the following rewritten paragraph:

-- Fig. 1A ~~1a~~ is a plan view of the printed circuit board component shown in Fig. 1;--

Please replace the paragraph at page 4, lines 10-25 with the following rewritten paragraph:

--Referring to Figs. 1, 1A, 2, 3, 4 and 5, there is shown a colorimeter embodying the invention, the colorimeter is a unitary assembly of a housing 10 made up of a front shell 12 and a rear shell 14 which are joined at a tongue and groove connection 16. A generally rectangular recessed wall 18 has a matrix of apertures 20 which may be evenly spaced from each other by the same distances along X and Y coordinates paralleling ~~paralleling~~ perpendicular edges of the wall 18. In the illustrated embodiment, the shape of the apertures is oblong and their longitudinal axes are at approximately 45 ° to the X and Y coordinates, that is to the edges of the wall 18. The longitudinal axis is arranged, when the colorimeter is in use in making colorimetric ~~colorimetric~~ measurements of a color monitor screen, at approximately 45° from horizontal. This enables sufficient light (photons) to pass through the apertures even with limited fields of view. Such limitation in the field of view is discussed in

connection with Figs. 6 and 7 below. Generally, the fields of view of each of the apertures 20 are designed to avoid cross-talk between different photodetector 38 and filters 50 (discussed in greater detail below). The constrained fields of view avoid the effect of color changes with angle, especially in the vertical direction which occurs with LCD screens. It has been found that oblong apertures with parallel sides and circular ends in the orientation discussed above, suitably restrict the fields of view.--